

*DuPage Greene Valley*  
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

2200 Churchill Road  
62706



Springfield, Illinois

Phone: 217-782-3334

*Development  
permit*

Dr. Richard H. Briceland, Director  
May 7, 1974

DU PAGE COUNTY - Land Pollution Control  
Lisle Twp./Greene Valley Landfill  
Permit No. 1974-30-DE



Waste Management of Illinois, Inc.  
P. O. Box 563  
Palos Heights, Illinois 60463

Gentlemen:

Permit is hereby granted to Waste Management of Illinois, Inc. to develop a solid waste disposal site consisting of 200 acres in S $\frac{1}{2}$  of Section 34, Township 38 north, Range 10 east of the Third Principal Meridian in Lisle Township, DuPage County and located in the Greene Valley Forest Preserve to handle municipal refuse and 2,000 gallons of septic tank pumpings all in accordance with the application and plans prepared by Geotech, Inc. and Waste Management of Illinois, Inc. Said application consisting of 10 pages plus attachments dated April 11, 1974 and received by the Environmental Protection Agency on April 12, 1974 and 3 pages of revisions dated April 30, 1974 and reviewed by the Environmental Protection Agency on May 2, 1974; said plans consisting of 12 pages dated April 8, 1974 and received April 12, 1974.

The permit is issued subject to the standard conditions set forth on Page 3, attached hereto and incorporated herein by reference, and further subject to the following special conditions:

1. Prior to acceptance of refuse at the site, the following data must be submitted to this Agency:
  - a. Documentation from the DuPage County Health Department indicating that the site has complied with said county's solid waste management site permitting requirements.
  - b. Documentation from the sanitary district that they are capable and willing to accept and treat the leachate generated at the site, or a contingency plan showing how and where the leachate will be handled. The aforementioned leachate refers to that part which will not be redistributed in the fill area per the proposed operation plan.
  - c. The location and screen depth of the groundwater monitoring wells shall be submitted to this Agency for approval.

Waste Management of Illinois, Inc.

Page 2

May 7, 1974

d. Background analyses of the shallow groundwater and of the underlying Silurian dolomite aquifer shall be submitted to this Agency for the following parameters:

- |                                   |                               |
|-----------------------------------|-------------------------------|
| 1. Alkalinity, as $\text{CaCO}_3$ | 12. Magnesium (Mg)            |
| 2. Ammonia, as N                  | 13. Manganese (Mn)            |
| 3. Boron (B)                      | 14. Mercury (Hg)              |
| 4. Calcium (Ca)                   | 15. pH                        |
| 5. Chloride (Cl)                  | 16. Potassium (K)             |
| 6. Chromium (TOT)                 | 17. Sodium (Na)               |
| 7. COD                            | 18. Sulfate ( $\text{SO}_4$ ) |
| 8. Copper (Cu)                    | 19. Total Dissolved Solids    |
| 9. Hardness, as $\text{CaCO}_3$   | 20. Zinc (Zn)                 |
| 10. Iron (Fe)                     | 21. Percent Error             |
| 11. Lead (Pb)                     |                               |

2. Any sand lenses encountered during site development must be sealed by at least a 5-foot clay layer. The permeability of the clay layer shall not exceed  $1 \times 10^{-7}$  cm/sec.
3. This Agency shall be kept informed of the status of the site development, so that inspections of subsurface site features can be scheduled, e.g. leachate collection system.

Very truly yours,

ENVIRONMENTAL PROTECTION AGENCY

*Thomas P. Clark*

Thomas P. Clark, Acting Manager  
Permit Section  
Division of Land Pollution Control

CHO:ds

enc.

cc's/-Region II

-DuPage Co. H. D.

-ISGS

-Geotech, Inc., Engineers & Planners, 224 N. Broadway, Joliet, Ill. 60435

-Emcon Associates, 326 Commercial Street, San Jose, Calif. 95112

-J. D. Andrews, Environmental Engr., 300 Iles Park Place, Spfld, Ill. 62703

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